

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("magnetic recording" and "non-magnetic" and "soft magnetic" and "orientation control" and perpendicular and "magnetic grains" and "grain boundary" and CoPtX and (SiO or AlN or TiO or TiN or BN or CaF or TiC)).CLM.	US-PGPUB; USPAT	OR	OFF	2005/10/19 12:41
L2	1	("magnetic recording" and "non-magnetic" and "soft magnetic" and "orientation control" and perpendicular and "magnetic grains" and "grain boundary" and CoPtX and (SiO or AlN or TiO or TiN or BN or CaF or TiC)).CLM.	US-PGPUB; USPAT	OR	ON	2005/10/19 12:41

*Interference Search History  
print out*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("magnetic recording" and "non-magnetic" and "soft magnetic" and "orientation control" and perpendicular and "magnetic grains" and "grain boundary" and CoPtX and (SiO or AlN or TiO or TiN or BN or CaF or TiC)).CLM.	US-PGPUB; USPAT	OR	OFF	2005/10/19 12:41
L2	1	("magnetic recording" and "non-magnetic" and "soft magnetic" and "orientation control" and perpendicular and "magnetic grains" and "grain boundary" and CoPtX and (SiO or AlN or TiO or TiN or BN or CaF or TiC)).CLM.	US-PGPUB; USPAT	OR	ON	2005/10/19 12:41
L3	8640	428/611 428/65.3 or 428/694R or 428/694T or 428/694TS or 428/694B or 428/900 or 369/283 or 369/288 or 428/832.1 or 428/836.1 or 428/828	US-PGPUB; USPAT	OR	OFF	2005/10/19 12:42
L4	109	L3 and CoPt and ("SiO" or "BN" or "TiN" or "TiC")	US-PGPUB; USPAT	OR	ON	2005/10/19 12:45
L5	0	L4 and ("magnetic recording" and "non-magnetic" and "soft magnetic" and "orientation control" and perpendicular and "magnetic grains" and "grain boundary" and CoPtX and (SiO or AlN or TiO or TiN or BN or CaF or TiC))	US-PGPUB; USPAT	OR	ON	2005/10/19 12:43
S1	499	(SHIMIZU same KENJI) or (SAKAWAKI same AKIRA) or (SAKAI same HIROSHI) or (HIKOSAKA same TAKASHI) or (OIKAWA same SOICHI)	US-PGPUB; USPAT	OR	OFF	2005/10/19 12:38
S2	0	S1 and substrate and oreintation and perpendicular and protection and magnetic and recording	US-PGPUB; USPAT	OR	OFF	2005/04/11 15:43
S3	3	S1 and substrate and orientation and control and perpendicular and protection and magnetic and recording	US-PGPUB; USPAT	OR	OFF	2005/04/11 16:12
S4	68	S1 and substrate and perpendicular and magnetic and recording	US-PGPUB; USPAT	OR	OFF	2005/04/12 22:00
S5	22	S4 and CoPt and ("SiO" or "BN" or "TiN" or "TiC")	US-PGPUB; USPAT	OR	OFF	2005/04/12 22:00
S6	17	S5 and grain	US-PGPUB; USPAT	OR	ON	2005/04/11 16:09
S7	68	"4722869" or "5679473" or "5815343" or "2002012816"	US-PGPUB; USPAT	OR	ON	2005/04/11 16:11

S8	1	"20020012816"	US-PGPUB; USPAT	OR	ON	2005/04/11 16:12
S9	14	"428"/\$ and substrate and orientation and control and perpendicular and protection and magnetic and recording and CoPt and ("SiO" or "BN" or "TiN" or "TiC") and grain	US-PGPUB; USPAT	OR	ON	2005/04/12 22:01
S10	30	"6156404" or "5700593" or "6096445" or "2001033949"	US-PGPUB; USPAT	OR	ON	2005/04/11 17:33
S11	0	"2001033949"	US-PGPUB; USPAT	OR	ON	2005/04/11 17:34
S12	1	"20010033949"	US-PGPUB; USPAT	OR	ON	2005/04/11 17:40
S13	3	"2295159"	EPO; DERWENT	OR	ON	2005/04/11 17:56
S14	12	"5866227" or "6139981" or "5693426" or "5685958" or "6096445" or "20010033949" or "5700593" or "6156404"	EPO; DERWENT	OR	ON	2005/04/11 18:01
S15	119	"5866227" or "6139981" or "5693426" or "5685958" or "6096445" or "20010033949" or "5700593" or "6156404"	US-PGPUB; USPAT	OR	ON	2005/04/11 18:01
S16	1	"20040191576"	US-PGPUB; USPAT	OR	OFF	2005/04/12 14:27
S17	7114	428/694\$ or 428/692 or 428/693 or 428/65.5	US-PGPUB; USPAT	OR	OFF	2005/04/12 14:58
S18	4	"6562489"	US-PGPUB; USPAT	OR	OFF	2005/04/12 15:39
S19	10	"6174597"	US-PGPUB; USPAT	OR	OFF	2005/04/12 21:57
S20	8372	428/611 428/65.3 or 428/694R or 428/694T or 428/694TS or 428/694B or 428/900 or 369/283 or 369/288	US-PGPUB; USPAT	OR	OFF	2005/10/19 12:19
S21	1602	S20 and substrate and perpendicular and magnetic and recording	US-PGPUB; USPAT	OR	OFF	2005/04/12 22:00
S22	64	S21 and CoPt and ("SiO" or "BN" or "TiN" or "TiC")	US-PGPUB; USPAT	OR	OFF	2005/04/12 22:00
S23	9	S22 and substrate and orientation and control and perpendicular and protection and magnetic and recording and CoPt and ("SiO" or "BN" or "TiN" or "TiC") and grain	US-PGPUB; USPAT	OR	ON	2005/04/12 22:01
S24	1	10/434550	US-PGPUB; USPAT	OR	OFF	2005/04/14 17:19

S25	0	"10401513"	US-PGPUB; USPAT	OR	OFF	2005/04/14 17:19
S26	1	"20030186084"	US-PGPUB; USPAT	OR	OFF	2005/04/14 19:45
S27	2	"6699600"	US-PGPUB; USPAT	OR	OFF	2005/10/19 11:35
S28	8640	428/611 428/65.3 or 428/694R or 428/694T or 428/694TS or 428/694B or 428/900 or 369/283 or 369/288 or 428/832.1 or 428/836.1 or 428/828	US-PGPUB; USPAT	OR	OFF	2005/10/19 12:22
S29	108	S28 and CoPt and ("SiO" or "BN" or "TiN" or "TiC")	US-PGPUB; USPAT	OR	OFF	2005/10/19 12:42
S30	225	"428"/\$ and substrate and orientation and control and perpendicular and protection and magnetic and recording	US-PGPUB; USPAT	OR	OFF	2005/10/19 12:37